



Public Meeting

**Between USNRC Region III Management
and FirstEnergy Nuclear Operating
Company**

October 28, 2004



PURPOSES OF THIS MEETING

- **Discuss the Performance of the Perry Nuclear Power Plant**
- **Discuss the Reactor Oversight Process**
- **Review the Perry Nuclear Power Plant Improvement Plan**
- **Discuss the Inspection Procedure 95003 Process**
- **Receive Comments and Questions From the Public**



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AGENDA

- **Introduction**
- **Opening Remarks by Regional Administrator**
- **Overview of Reactor Oversight Process/Action Matrix**
- **Licensee Discussion of Improvement Initiative and Activities**
- **Explanation of Future NRC Inspections at Perry**
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- **Public Comments and Questions of NRC**
- **Adjourn Meeting**



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NRC Opening Remarks

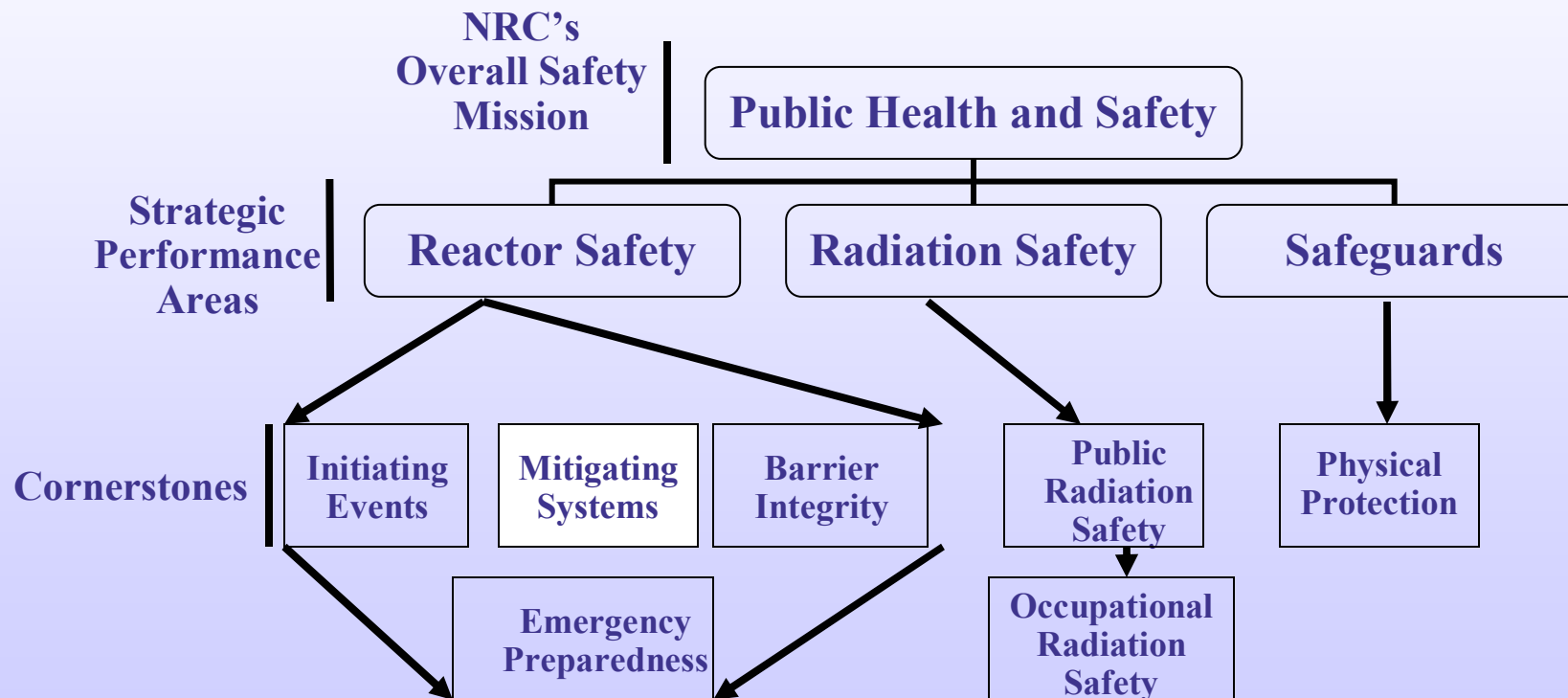
Mr. James L. Caldwell
Regional Administrator
NRC Region III

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Regulatory Framework



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Reactor Oversight Process

SAFETY SIGNIFICANCE

GREEN

- very low

WHITE

- low to moderate

YELLOW

- substantial

RED

- high

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Action Matrix

Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple/Rep. Degraded Cornerstone	Unacceptable Performance
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As you transition to the right:

- Increasing Safety Significance
- Increasing NRC Inspection Efforts
- Increasing NRC/Licensee Management Involvement
- Increasing Regulatory Actions



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Perry History of Findings

STRATEGIC PERFORMANCE AREA	CORNERSTONE	1Q02	2Q02	3Q02	4Q02	1Q03	2Q03	3Q03	4Q03	1Q04	2Q04	3Q04	4Q04
REACTOR SAFETY	INITIATING EVENTS												
	MITIGATING SYS.				HPCS PUMP FAILURE								
								ESW PUMP FAILURE					
								RHR WATER LEG FINDING					
	BARRIER INTEGRITY												
	EMERGENCY PREP							EP FINDING					
RADIATION SAFETY	PUB RAD PRO												
	OCC RAD PRO						OCC EXP CONTROL						
SAFEGUARDS	SAFEGUARDS												
ACTION MATRIX SUMMARY	SITE	LR	LR	LR	RR	RR	RR	DC	DC	DC	DC	M/R DC	

LR-License Response

DC-Degraded Cornerstone

RR-Regulatory Response

M/R DC-Multiple/Repetitive Degraded Cornerstone

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Perry Findings in Mitigating System Cornerstone

Degraded Cornerstone Column of Action Matrix at the End of Cycle 2003 due to the following:

- **10/23/02 – High Pressure Core Spray Pump breaker failure. (White)**
- **08/14/03 – Low Pressure Core Spray/Residual Heat Removal Keep Fill Pump becomes air bound following Loss of Offsite Power. (White)**
- **09/01/03 – Emergency Service Water Pump ‘A’ failure. (White)**

Repetitive Degraded Cornerstone for Mitigating System starting in third Quarter 2004 due to the following:

- **05/21/04 – Emergency Service Water Pump ‘A’ failure.**



Action Matrix Column 4 Requirements

- **RA Meet with Senior Licensee Management to Discuss Plant Performance**
- **Licensee Establish Improvement Plan**
- **Baseline and Supplemental Inspection 95003**
- **Confirmatory Action Letter**
- **RA or EDO Discuss Performance with Senior Licensee Management in a Public Meeting**



Summary

- **Perry Nuclear Power Plant continues to Operate Safely.**
- **The findings discussed have been determined to be of Low to Moderate Safety Significance.**
- **Due to the performance trend at Perry the NRC's process has led to increased Regulatory interaction.**
- **The NRC continues to monitor performance on a daily basis.**



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FirstEnergy Presentation

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Inspection Procedure 95003

- **In depth inspection of safety system programs, and human performance in addition to baseline inspection procedures.**
- **Results of the 95003 are used in deciding what additional actions should be taken by the NRC.**



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What the NRC is doing...

- **Inspection Procedure 95003 resulting in 1800 hours of onsite inspection in addition to 2000 hours of baseline inspection**
- **Increased NRC Management Oversight**
- **Additional Regional Resources being Utilized**
- **Increased Public Meetings**
- **Continued Resident Baseline Inspection**



Resident Inspectors

- **Stationed at the Plant**
- **Monitor day-to-day operations**
- **Prompt Response Capability**



Contacts for Additional Information

- **Regional Public Affairs Officer**
 - Jan Strasma or Viktoria Mitlyng
 - Phone: (630) 829-9663 or 829-9662
- **Perry Resident Inspector Office**
 - Ray Powell, Senior Resident Inspector
 - John Ellegood, Resident Inspector
 - Phone: (440) 259-3610



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NRC Closing Remarks

**Mr. James L. Caldwell
Regional Administrator
NRC Region III**



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